

# **2006 Consumer Products Regulation Amendments**

## **Public Workshop**

*September 14, 2006*



*California Environmental Protection Agency*

**Air Resources Board**

## **Overview**

- Background
- Regulatory Timeline
- Actions Since July Meeting
- Proposed Regulatory Amendments
- Proposed Category Standards – Third Draft
  - November 2006
  - March 2007
- Complying Product Formulas
- Remaining Stakeholder Concerns – November Items
- Next Steps

## Background

- First Public Workshop
- Board Hearings Scheduled:
  - November 2006
  - March 2007
- Overall Goal: 10-15 tpd VOC Reduction Statewide From Both Rulemakings
- More Reductions Will be Achieved if Possible

## Regulatory Timeline

*(tentative)*

Public Workshop..... Sept. 14, 2006  
45-Day Notice Release.....Sept. 29, 2006  
2006 Board Hearing Date.....Nov. 16, 2006

Possible Workgroup/ Workshop Meetings.....October 2006,  
.....Dec. 2006, and Jan. 2007  
45-Day Notice Release .....February 1, 2007  
2007 Board Hearing Date.....March 22, 2007

Additional Workshops/Workgroup/Subgroup/Individual  
Meetings TBA as Needed

## **Actions Since July Meeting**

- Analyzed/Revised Regulatory Category Data
- Held Many Technical Meetings with Stakeholders and Industry Associations
- Refined Regulatory Proposals
- Released Third Draft Proposed Category Standards and Other Items Document
- Received Stakeholder Comments (Currently Reviewing)
- Released Proposed Strikeout / Underline Regulation
- Released Sample Complying Product Formulas

## **Proposed Regulation Amendments**

- Strikeout Underline Regulation
- Proposed Categories and VOC Limits
- Modified Definitions and Provisions
- Other Proposals

## Proposed Category Standards Third Draft

- 16 Categories With New VOC Limits To Be Considered in November
- Other Categories Deferred to March 2007
- Personal Sanitizers Dropped from Consideration



## Proposed Categories and VOC Limits – November 2006

### Automotive Care

Brake Cleaner.....	10 %
Carburetor and Fuel Injection Air Intake Cleaner.....	10 %
Engine Degreaser (aero.).....	10 %
Automotive Windshield Washer Fluid (type A areas) .....	25 %

### Personal Care

Temporary Hair Color (aero.).....	55 %
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**Proposed Categories and VOC  
Limits – November 2006** *(cont.)*

**Adhesives**

Construction, Panel & Floor Covering.....7 %

**Cleaners & Degreasers**

Bathroom & Tile (non-aero.).....1 %

Oven Cleaner (non-aero.).....1 %

General Purpose Degreaser (aero.).....10 %

General Purpose Cleaner (aero.).....7 %

**Proposed Categories and VOC  
Limits – November 2006** *(cont.)*

**Cleaners & Degreasers (cont.)**

Disinfectants (aero.).....70 %

*Disinfectants (non-aero.)*.....1 %

Sanitizers (aero.).....70 %

*Sanitizers (non-aero.)*.....1 %

**Fabric Care**

Fabric Softener - Dryer Product.....1.5 %

Laundry Starch/ Sizing/ Fab. Finish.....4.5 %

## **Proposed Categories and VOC Limits – November 2006** *(cont.)*

### **Waxes and Polishes**

Floor Polish (flexible).....	1 %
Floor Polish (non-resilient).....	1 %
Furniture Maintenance Product.....	3 %

**Total Reductions:.....11 tpd VOC**

## **Other Proposals for November Board Hearing**

- **Multi-function Products**
  - Exclude Products Which Make Removal Claims That are Subject to Applicable VOC Limits
  - Includes “Packaged Solvents” and Other Products That Make No Specific Claims
- **Rubber/Vinyl/Plastic Protectant and Fabric Protectant**
  - Modify Definitions to Align With Original Intent
  - Clarify Products Included in Categories
  - Resolve Confusion Regarding Regulation Applicability

**Other Proposals for  
November Board Hearing** *(cont.)*

Prohibit Chlorinated Toxic Compounds in  
the Following Categories:

- Construction, Panel, and Floor Covering  
Adhesive
- Oven Cleaners
- General Purpose Cleaners
- Bathroom and Tile Cleaners

**Update on Other Regulatory  
Amendments / Issues**

VOC Exemption Petitions

- tertiary-Butyl acetate “TBAC”
- HFE-7100 & HFE-7200
- HFC 43-10 mee
- HCFC 225 ca and cb
- HFC 245 fa

## **Update on Other Regulatory Amendments / Issues** *(cont.)*

- Nail Polish Remover
- Re-evaluate Fragrance Exemption
- Limit to Limit Reductions
- Electronic Cleaners
  - Exempt Products Used on or Near Energized Equipment



## **Proposed Regulatory Amendments – March 2007**

- Still Evaluating Feasibility of Proposed VOC Limits for Categories Deferred to March 2007
- Toxic Air Contaminant Assessment
  - Chlorinated Solvents Common in: Lubricants, Spot Removers, Carpet and Upholstery Cleaners, Oven Cleaners, Aerosol Adhesives, Brush Cleaner
  - Chlorinated Solvents Found in Small Amounts in: Tire Sealants, Fabric Protectant, and Non-Aerosol Adhesives



## **Proposed Regulatory Amendments – March 2007** *(cont.)*

- Toxic Air Contaminant Assessment (cont.)
  - Hexanes Common In: Lubricants, Adhesives, Rubber/Vinyl/Plastic Protectant
  - Hexanes Found in Small Amounts in: Carburetor and Fuel Injection Air Intake Cleaner, Brake Cleaner, Floor Polish & Wax for Wood Floors
  - Toluene, Formaldehyde, Xylenes Common in Nail Coatings

## **Proposed Regulatory Amendments – March 2007** *(cont.)*

- Industry Proposal for Innovative Product Exemption (IPE) Amendment
  - “When New Mass-Based VOC Standard Enacted, Manufacturers Can Request IPE by Showing Compliance with SWA MIR of Compliant Products.”
  - ARB Staff Still Examining and Considering This Proposal for March 2007

## **Proposed Regulatory Amendments – March 2007** *(cont.)*

### **Maximum Incremental Reactivity Issues**

- Staff Will be Considering MIR Limits for Specific Categories for March 2007 Board Hearing
- There Will Need to be Significant Modifications to the Consumer Products Regulation to Incorporate Reactivity Limits
- MIR Values Do Not Exist for All Compounds
- We Request That Industry Identify Any Compounds That are Commonly Used for Which an MIR Value Does Not Exist – **By October 15, 2006**

## **Complying Product Formulas**

- Generic Complying Product Formulas per Form
- Used as Basis for Ingredient Cost Analysis

## **Remaining Stakeholder Concerns – November Items**

- Brake Cleaners, Engine Degreasers, Carb & Choke, and General Purpose Degreasers
  - Industry very concerned with 10 % VOC Limit
  - Assert that basis for limits is not justified
- Floor Wax / Polish
  - Industry concerned that limit will eliminate fast dry and hard finish products
  - Assert that proposal will increase labor costs
  - Assert that proposal will increase removal/re-application of product resulting in more emissions

## **Remaining Stakeholder Concerns – November Items** *(cont.)*

- Fabric Softeners
- Rubber/Vinyl/Plastic Protectants
- Multi-purpose Solvents
- Other Categories

## Next Steps

- Finalize Initial Statement of Reasons
- Release Initial Statement of Reasons to the Public on September 29, 2006
- Continue to Confer With Interested Parties on Technical Issues
- Continue to Work on Categories and Issues Deferred to March 2007 for Board Consideration
- Work With Interested Parties on Identifying Compounds of Interest for Maximum Incremental Reactivity Analysis  
List of Compounds and Categories Where Used Due -  
**October 15, 2006**

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## Websites



- **Air Resources Board website:** <http://www.arb.ca.gov>
- **Consumer Products website:**  
<http://www.arb.ca.gov/consprod/consprod.htm>
- **2003 Survey Data Summaries website:**  
<http://www.arb.ca.gov/consprod/regact/2003surv/datasum2003.htm>
- **Consumer Products Regulations website:**  
<http://www.arb.ca.gov/consprod/regs/regs.htm>
- **Consumer Products List Server website:**  
<http://www.arb.ca.gov/listserv/listserv.php>
- **2006 Consumer Products Regulation Amendments website:**  
<http://www.arb.ca.gov/consprod/regact/cpwg2006/cpwg2006.htm>